

Form PTO-1449 (modified)

Atty. Docket No.
12920.0014.PCUS00Serial No.
107532480

List of Patents and Publications for Applicant's
INFORMATION DISCLOSURE STATEMENT
 (Use several sheets if necessary)

Applicant
 Robert F. Garry; Srikanta Dash; David H. Coy;
 Jane A. McKeating

Filing Date: Group: 1648

U.S. Patent Documents

See Page 1

Foreign Patent Documents

See Page 1

Other Art

See Pages 1-2

U.S. Patent Documents (do NOT delete this heading)

U.S. Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
/SBC/	A1	6,037,348	March 14, 2000	Colacino et al.			
/SBC/	A2	5,747,239	May 5, 1998	Wang et al.			

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1						

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

Exam. Init.	Ref. Des.	Citation
/SBC/	C1	Robert F. Garry, et al., "Proteomics Computational Analysis Suggest that Hepatitis C Virus E1 and Pestivirus E2 Envelope Glycoproteins and Truncated Class II Fusion Proteins," <i>Virology</i> , 307:255-265 (2003).
/SBC/	C2	Hoffman-LaRoche and Trimeris, "Roche and Trimeris Announce 24-Week Results from Second Pivotal Study of HIV Inhibitor T-20", trimeris.com/news/pr/2002/020516.html . (2002)
/SBC/	C3	Richard J. Kuhn et al., "Structure of Dengue Virus: Implications for Flavivirus Organization, Maturation, and Fusion", <i>Cell</i> , 108:717-725 (2002).
/SBC/	C4	R.J. Medinas et al., "C-Terminal gp40 Peptide Analogs Inhibit Feline Immunodeficiency Virus: Cell Fusion and Virus Spread", <i>Journal of Virology</i> , 76(18):9079-9086 (2002).
/SBC/	C5	Julien Lescar, et al., "The Fusion Glycoprotein Shell of Semliki Forest Virus: An Icosahedral Assembly Primed for Fusogenic Activation at Endosomal pH", <i>Cell</i> , 105:137-148 (2001).
/SBC/	C6	Tatiana Suárez, "Membrane Interface-Interacting Sequences within the Ectodomain of the Human Immunodeficiency Virus Type 1 Envelope Glycoprotein: Putative Role During Viral Fusion", <i>Journal of Virology</i> , 74(17):8038-8047 (2000).
/SBC/	C7	M. Flint et al., "The Role of Hepatitis C Virus Glycoproteins in Infection", <i>Medical Virology</i> , 10:101-117 (2000).
/SBC/	C8	Mike Flint et al., "Functional Analysis of Cell Surface-Expressed Hepatitis C Virus E2 Glycoprotein", <i>Journal of Virology</i> , 73(8):6782-6790 (1999).

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DATE CONSIDERED: 09/25/2007

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INFORMATION DISCLOSURE STATEMENT — PTO-1449 (MODIFIED)

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Other Art

See Pages 1-2

Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

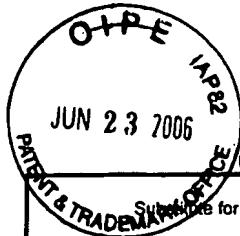
Exam. Init.	Ref. Des.	Citation
/SBC/	C9	Winfried Weissenhorn et al., "Crystal Structure of the Ebola Virus Membrane Fusion Subunit, GP2, from the Envelope Glycoprotein Ectodomain", <i>Molecular Cell</i> , 2:605-616 (1998).
/SBC/	C10	Carl Wild et al., "A Synthetic Peptide from HIV-1 gp41 Is a Potent Inhibitor of Virus-Mediated Cell-Cell Fusion", <i>Aids Research and Human Retroviruses</i> , 9(11):1051-1053 (1993).
/SBC/	C11	Carl Wild et al., "Peptides Corresponding to a Predictive α -Helical Domain of Human Immunodeficiency Virus Type 1 gp41 are Potent Inhibitors of Virus Infection", <i>Proc. Natl. Acad. Sci. USA</i> , 91:9770-9774 (1994).
/SBC/	C12	William R. Gallagher, "Detection of a Fusion Peptide Sequence in the Transmembrane Protein of Human Immunodeficiency Virus", <i>Cell</i> , 50:327-328 (1987).

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STATEMENT BY APPLICANT

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Sheet 1 of 1 Attorney Docket Number 12920.0014.PCUS00

Complete if Known

Application Number	10/532,480
Filing Date	April 22, 2005
First Named Inventor	Robert F. Garry
Art Unit	1648
Examiner Name	Chen, S. B.

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ³ (if known)			
/SBC/	A3	US- 5,610,009	05/11/97	Watanabe et al	
/SBC/	A4	US- 4,810,492	03/07/89	Fujita et al	
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/SBC/	B1	WO 01/51673 A1	07-19-2001	Trimeris, Inc.		
/SBC/	B2	WO 00/75337 A1	12-14-2000	Bukh et al.		
/SBC/	B3	EP 0 982 402 A1	03-01-2000	Stichting Instituut voor Dierhouderij en Diergezondheid		
/SBC/	B4	WO 99/55366	11-04-1999	Washington University		

Examiner Signature	/Stacy B. Chen/	Date Considered	09/25/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	10/532,480
Filing Date	April 22, 2005
First Named Inventor	Robert F. Garry
Art Unit	1648
Examiner Name	
Attorney Docket Number	12920.0014.PCUS00

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
/SBC/	C13	VOLKOVA, T.D.; ET AL, "The Protein E 98-113 Sequence as the Fusion Site of Tick-Borne Encephalitis Virus with a Cellular Membrane", Bioorganicheskaya Khimiya (1998), Vol. 24, No. 9, p. 676-681. (Abstract Only)	
/SBC/	C14	VOLKOVA, T.D., ET AL, "A Monoclonal Antibody That Recognizes The Predicted Tick-Borne Encephalitis Virus E Protein Fusion Sequence Blocks Fusion", Archives of Virology (1999), Vol. 144, p. 1035-1039.	
/SBC/	C15	ALLISON, S.L., ET AL, "Mutational Evidence for an Internal Fusion Peptide in Flavivirus Envelope Protein E", Journal of Virology (2001), Vol. 75, No. 9, p. 4268-4275.	
/SBC/	C16	STIASNY, K., ET AL, "Membrane Interactions of the Tick-Borne Encephalitis Virus Fusion Protein E at Low pH", Journal of Virology (2002), Vol. 76, No. 8, p. 3784-3790.	
/SBC/	C17	CRILL, W.D., ET AL, "Monoclonal Antibodies That Bind to Domain III of Dengue Virus E Glycoprotein Are the Most Efficient Blockers of Virus Adsorption to Vero Cells", Journal of Virology (2001), Vol. 75, No. 16, p. 7769-7773.	
/SBC/	C18	BHARDWAJ, S., ET AL, "Biophysical Characterization and Vector-Specific Antagonist Activity of Domain III of the Tick-Borne Flavivirus Envelope Protein", Journal of Virology (2001), Vol. 75, No. 8, p. 4002-4007.	
/SBC/	C19	REY, F.A., ET AL, "The Envelope Glycoprotein From Tick-Borne Encephalitis Virus at 2 Å Resolution", Nature (1995), Vol. 375, p. 291-298.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/532,480
(Use as many sheets as necessary)				Filing Date	April 22, 2005
				First Named Inventor	Robert F. Garry
				Art Unit	1648
				Examiner Name	
Sheet	2	of	2	Attorney Docket Number	12920.0014.PCUS00

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published			T ²
/SBC/	C20	HUNG, S., ET AL, "Analysis of the Steps Involved in Dengue Virus Entry into Host Cells", Virology (1999), Vol. 257, p. 156-167.			
/SBC/	C21	SHAI, Y., "Functional Domains within Fusion Proteins: Prospectives for Development of Peptide Inhibitors of Viral Cell Fusion, Bioscience Reports (2000), Vol. 20, No. 6, p. 535-555.			

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